

CLAIMS

I/We claim:

1. A system for generating a graphical user interface (GUI), comprising:
5 a processor circuit having a processor and a memory;
GUI generation logic stored on the memory and executable by the
processor, the GUI generation logic comprising:
logic to generate an input field in the graphical user interface,
the input field being associated with an input item in a template; and
10 logic to generate an input field label in the graphical user
interface from an input field tag in the template, the input field tag being
associated with the input item in the template.
- 15 2. The system of claim 1, wherein the GUI generation logic further
comprises logic to identify the input item in the template.
- 20 3. The system of claim 1, wherein the GUI generation logic further
comprises logic to identify an input item in the template that is not to be included in
the graphical user interface.
- 25 4. The system of claim 1, wherein the GUI generation logic further
comprises logic to identify a section in the template marked by a section tag and an
ending section tag, wherein a number of the input items are nested within the section
tag and the ending section tag.

5. The system of claim 4, wherein the GUI generation logic further comprises:

logic to generate a section label in the graphical user interface from the section tag in the template; and

5 logic to generate the input field in the graphical user interface in association with the section label.

6. The system of claim 1, wherein the GUI generation logic further
10 comprises logic to identify an alternate section in the template that includes a number of input items marked by an alternate section tag and an ending alternate section tag.

7. The system of claim 6, wherein the GUI generation logic further
15 comprises logic to generate an alternate input field label in a graphical user interface from an alternate label attribute in the template, the alternate label attribute being associated with the input item in the template.

20 8. A system for generating a graphical user interface, comprising:
means for generating an input field in a graphical user interface, the input field being associated with an input item in a template; and
means for generating an input field label in a graphical user interface
from an input field tag in the template, the input field tag being associated with the
25 input item in the template.

9. The system of claim 8, further comprising means for identifying the input item in the template.

10. The system of claim 8, further comprising means for identifying an input item in the template that is not to be included in the graphical user interface.

5 11. The system of claim 8, further comprising means for identifying a section in the template marked by a section tag and an ending section tag, wherein a number of the input items are nested within the section tag and the ending section tag.

10 12. The system of claim 11, further comprising:
means for generating a section label in the graphical user interface from the section tag in the template; and
means for generating the input field in the graphical user interface in association with the section label.

15 13. The system of claim 8, further comprising means for identifying an alternate section in the template that includes a number of input items marked by an alternate section tag and an ending alternate section tag.

20 14. The system of claim 13, further comprising means for generating an alternate input field label in a graphical user interface from an alternate label attribute in the template, the alternate label attribute being associated with the input item in the
25 template.

15. A method for generating a graphical user interface, comprising the steps of:

generating an input field in a graphical user interface in a server, the input field being associated with an input item in a template that is stored in the server; and

generating an input field label in a graphical user interface from an input field tag in the template, the input field tag being associated with the input item in the template.

16. The method of claim 15, further comprising the step of identifying the input item in the template.

17. The method of claim 15, further comprising the step of identifying an input item in the template that is not to be included in the graphical user interface.

18. The method of claim 15, further comprising the step of identifying a section in the template marked by a section tag and an ending section tag, wherein a number of the input items are nested within the section tag and the ending section tag.

19. The method of claim 18, further comprising the steps of:
generating a section label in the graphical user interface from the section tag in the template; and
generating the input field in the graphical user interface in association with the section label.

20. The method of claim 15, further comprising the step of identifying an alternate section in the template that includes a number of input items marked by an alternate section tag and an ending alternate section tag.

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21. The method of claim 20, further comprising the step of generating an alternate input field label in a graphical user interface from an alternate label attribute in the template, the alternate label attribute being associated with the input item in the template.

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22. A system for generating a graphical user interface (GUI), comprising:
a processor circuit having a processor and a memory;
GUI generation logic stored in the memory and executable by the
15 processor, the GUI generation logic comprising:

logic to identify an input item with a default value in a
template, the template representing a document; and
logic to generate the graphical user interface from the template
that displays the document with an input field included therein, wherein the
20 input field is associated with the input item.

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23. The method of claim 22, wherein the GUI generation logic further
comprises logic to include the default value of the input item within the input field for
25 display in the document in the graphical user interface.

24. The system of claim 22, wherein the GUI generation logic further
comprises logic to position the input field within the document based upon a set of
30 location coordinates associated with the input item in the template.

25. The system of claim 22, wherein the GUI generation logic further comprises logic to write a received input value over the default value of the input item.

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26. The system of claim 22, wherein the GUI generation logic further comprises logic to identify an input item in the template for which a corresponding input field is not included in the document displayed in the graphical user interface.

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27. A system for generating a graphical user interface, comprising:
means for identifying an input item with a default value in a template,
the template representing a document; and
means for generating the graphical user interface from the template that
displays the document with an input field included therein, wherein the input field is
associated with the input item.

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28. The system of claim 27, further comprising means for including the default value of the input item within the input field for display in the document in the graphical user interface.

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29. The system of claim 27, further comprising means for positioning the input field within the document based upon a set of location coordinates associated with the input item in the template.

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30. The system of claim 27, further comprising means for writing a received input value over the default value of the input item.

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31. The system of claim 27, further comprising means for identifying an input item in the template for which a corresponding input field is not included in the document displayed in the graphical user interface.

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32. A method for generating a graphical user interface, comprising the steps of:

identifying an input item with a default value in a template stored in a server, the template representing a document; and

10 generating the graphical user interface in the server from the template that displays the document with an input field included therein, wherein the input field is associated with the input item.

15 33. The method of claim 32, further comprising the step of including the default value of the input item within the input field for display in the document in the graphical user interface.

20 34. The method of claim 32, further comprising the step of positioning the input field within the document based upon a set of location coordinates associated with the input item in the template.

25 35. The method of claim 32, further comprising the step of writing a received input value over the default value of the input item.

30 36. The method of claim 32, further comprising the step of identifying an input item for which a corresponding input field is not included in the document displayed in the graphical user interface.